

## CLAIMS

1 1. A motor vehicle MOST data communication network, comprising:

2 a ring bus;

3 a plurality of multimedia units connected to said ring bus; and

4 a wireless transceiver connected to said ring bus, wherein said wireless transceiver receives

5 outgoing data from said ring bus and transforms said outgoing data to a wireless data format and

6 transmits the transformed data, and receives incoming data and transforms said incoming data and

7 provides transformed incoming data indicative thereof to said ring bus.

1 2. The motor vehicle MOST data communication network of claim 1, wherein said incoming

2 data is formatted as Bluetooth data.

1 3. The motor vehicle MOST data communication network of claim 1, wherein said incoming

2 data is formatted according to a time division multiplex encoding.

1 4. The motor vehicle MOST data communication network of claim 1, wherein said incoming

2 data is formatted according to a Digital European Cordless Telecommunication (DECT) standard.

1 5. The MOST data communication network of claim 2, wherein said plurality of multimedia

2 units includes a DVD player.

1 6. The MOST data communication network of claim 2, wherein said plurality of multimedia

2 units includes an audio player.

1      7.     The MOST data communication network of claim 2, wherein said plurality of multimedia  
2     units includes a navigation system.

1      8.     A method of communicating over a wireless communication channel between a motor  
2     vehicle MOST network having a wireless transceiver and a wireless device, comprising:

3            receiving outgoing data at the wireless transceiver in a first data format compatible with the  
4     MOST network and transforming the outgoing data to a second data format compatible with the  
5     wireless communication channel and providing a transformed output signal indicative thereof; and  
6            transmitting said transformed output signal over the wireless communication standard.

1      9.     The method of claim 8, further comprising:

2            receiving incoming data at the wireless transceiver in the second data format and  
3            transforming the incoming data to the first data format, and providing a transformed input signal  
4            indicative thereof.

1      10.    The method of claim 9, wherein said second data format is compatible with Bluetooth.

1      11.    The method of claim 9, wherein said second data format is compatible with Digital  
2     European Cordless Telecommunication (DECT) standard.

1      12.    A motor vehicle MOST data communication network that communicates over a wireless  
2     communication channel with a wireless device, comprising:

3            a ring bus;

4            a plurality of multimedia units connected to said ring bus; and

5            means for receiving outgoing data from said ring bus in a first data format compatible with

6 the MOST network, and for transforming said outgoing data to a second data format compatible  
7 with a wireless communication channel and for transmitting a transformed output data signal  
8 indicative thereof over the wireless communication standard.

1 13. The motor vehicle MOST data communication network of claim 12, wherein said  
2 transformed output data signal is formatted as Bluetooth data.

1 14. The motor vehicle MOST data communication network of claim 12, wherein said  
2 transformed output data signal is formatted according to a time division multiplex encoding.

1 15. The motor vehicle MOST data communication network of claim 12, wherein said  
2 transformed output data signal is formatted according to a Digital European Cordless  
3 Telecommunication (DECT) standard.